GOVERNMENT OF INDIA
SHIPPING, ROAD TRANSPORT AND HIGHWAYS
LOK SABHA

UNSTARRED QUESTION NO:2881
ANSWERED ON:19.03.2008
PLASTIC ROADS
Kharventhan Shri Salarapatty Kuppusamy

Will the Minister of SHIPPING, ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether the National Transportation, Planning and Research Centre (NTPRC) is undertaking several tests in various parts of the country to find out the level of efficiency and durability of plastic roads in the country;

(b) if so, the details thereof; and

(c) the steps taken / to be taken by the Government to popularise this technology?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF SHIPPING, ROAD TRANSPORT AND HIGHWAYS (SHRI K.H. MUNIYAPPA)

(a) & (b) National Transportation Planning and Research Centre (NATPAC) − a Research Centre of Kerala State Council of Science, Technology and Environment is reported to be undertaking field tests to evaluate the performance and durability of roads constructed using plastic waste in bituminous works, in selected roads in Madurai region in Tamil Nadu and Trivandrum, Cochin and Kozhikode regions in Kerala State.

(c) This Ministry has sponsored a research scheme on investigations of field performance of bituminous mixes using different bitumen modifiers including plastic waste to I.I.T. Madras. Laboratory investigation on the relative performance of the modified binder is under progress. Further action can be taken up based on the findings of the research scheme.